

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) An interface in a Radio Base Station for transmission and reception of user data to and from one or more user equipments in a radio communication network, comprising:

characterised in

a plurality of links having a minimised bandwidth for carrying data independent of the functionality of the radio access network and the airborne radio transmission,

2. (Original) The interface according to claim 1 comprising one or more user data links for uplink and downlink, a control and supervision link, and a synchronisation link.

3. (Currently Amended) The interface according to claim 1 or 2 intended for carrying baseband signals comprising digital signal components that describe the airborne signal.

4. (Original) The interface according to claim 3 wherein the user data link transfers the downlink user data as symbols and the uplink user data as sampled symbols.

5. (Original) The interface according to claim 2 wherein the user data link carries information about stream identity for routing and/or supervision.

6. (Original) The interface according to claim 2 wherein the control and supervision link is split between a processor based link and fast indications.

7. (Original) The interface according to claim 6 wherein the fast indications are used to determine the status of the radio transmission part when the processor based link has failed.

8. (Original) The interface according to claim 6 wherein an indication is used to reset the radio transmission part.

9. (Original) The interface according to claim 2 wherein the synchronisation link is used to control the transmission time of the user data link.

10. (Original) The interface according to claim 2 wherein the synchronisation link is used to time stamp the reception time of the user data link.

11. (Original) The interface according to claim 6 wherein a hardware reset is encoded in the processor based link layer 1 protocol as a code violation.

12. (Original) The interface according to claim 5 wherein transmission of parity bits is suspended during stream identity transmission.

13. (Original) The interface according to claim 4 wherein the uplink data format consists of a fast changing mantissa and a slow changing exponent.

14-15. (Cancelled)

16. (Original) The interface according to claim 2 where the uplink interface serialiser is controlled by the synchronisation link.
